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Guimbal, Ph., A. Binet, J.P. Blésès, V. Fontenay, S. Joly, A. Loulergue, J.G. Marmouget, Y. Pranal, J. Rodolfo, F. Sabary, S. Striby and D. Touati, Status of the ELSA facility. Last results at high efficiency and first test of a 60 parameters, on line tunable wiggler 375 (1996) 373
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Hashimoto, S. and K. Takayama, Nonlinear resonances in a multi-stage free electron laser amplifier . . . 375 (1996) 562
Hayakawa, K., T. Tanaka, Y. Torizuka, K. Sato, Y. Matsubara, I. Kawakami, I. Sato, S. Fukuda, S. Anami, T. Kurihara, T. Kamitani, S. Ohsawa, A. Enomoto, S. Toyama, M. Nomura, Y. Yamazaki, T. Yamazaki, K. Yamada, M. Ikezawa, Y. Sibata and M. Oyamada, Construction and development of an UV free electron laser under the cooperation of Nihon U., KEK, PNC, ETL and Tohoku U. . . . 375 (1996) ABS 25
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Limberg, T., H. Weise, A. Molodozhentsev and V. Petrov, The bunch compression system at the TESLA test facility FEL . . . 375 (1996) 322
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Litvinenko, V.N., B. Burnham, J.M.J. Madey, S.H. Park and Y. Wu, Duke storage ring UV/VUV FEL: status and prospects . . . 375 (1996) 46
Litvinenko, V.N., Resonant conditions for a storage ring short wavelength FEL with power exceeding Renieri limit . . . 375 (1996) 584
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Tatchyn, R., Optical cavity vs. electron beam requirements for the operation of a 1.5 Å LCLS in a regenerative amplifier mode . . . 375 (1996) 345
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Tatchyn, R., Image tuning techniques for enhancing the performance of pure permanent magnet undulators with small gap/period ratios . . . 375 (1996) 500
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Zhang, T.B. and T.C. Marshall, A microwave inverse Cherenkov accelerator (MICA) 375 (1996) 614
Zhao, K., R.L. Geng, L.F. Wang, B.C. Zhang, J. Yu, T. Wang, G.F. Wu, J.H. Song and J.E. Chen, Design and construction of a DC high-brightness laser driven electron gun 375 (1996) 147
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